

MALASHKO, V.I.

Visual agnosia. Zdrav. Belor. 5 no.9:40-41 S '59. (MIRA 12:12)

1. Iz kliniki nervnykh bolezney Minskogo meditsinskogo instituta
(zaveduyushchiy - prof. M.A. Khazanov).
(AGNOSIA) (VISION)

MALASHKO, V.I.; AKKERMAN, A.N.

Hepatolenticular degeneration. Zdrav.Belor. 5 no.6:33-36
(MIRA 12:9)
Je '59.

1. Iz kliniki nervnykh bolezney (zaveduyushchiy - prof.M.A.
Khazanov) Minskogo meditsinskogo instituta.
(HEPATOLENTICULAR DEGENERATION)

MALASHKO, V.I.

USSR/Human and Animal Physiology - Blood Circulation.

V-5

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4017

Author : V.I. Malashko

Inst :

Title : On Nervous System Changes in Hypertensive Disease.

Orig Pub : Zdravookhr. Belorussii, 1957, No 3, 45-46

Abstract : No abstract.

Card 1/1

MALASHKO, Iraida Fedorovna; SHUSTOVA, I.B., red.; DORODNOVA,
L.A., tekhn. red.

[In the depths of the world of molecules] V glubinakh
molekuliarnogo mira. Moskva, Vses. ob-vo "Znanie," 1964.
95 p. (Narodnyi universitet: Estestvennozauchnyi fakul'tet,
no.4) (MIRA 17:4)

MALASHKO, Iraida Fedorovna; SHUSTOVA, I.B., red.; NAZAROVA, A.S.,
tekhn. red.

[Radiant energy] Luchistaya energiya. Moskva, Izd-vo
"Znanie," 1963. 53 p. (Narodnyi universitet kul'tury:
Estestvennonauchnyi fakul'tet, no.4) (MIRA 16:6)
(Light) (Photoelectricity) (Lasers)

JULY 1969-63
CLASSIFICATION NR: AP2003654

In the present calculations the diffuseness of the potential boundary was taken into account using the Woods-Saxon potential, frequently employed in conjunction with the optical model. The effect of the value of the diffusion parameter was also considered. The potential of the interaction of a low-energy neutron with a O^{16} or C^{12} nucleus was taken in the form

$$U(r) = V(r) - \frac{V_0}{r^2} \frac{1}{1 + e^{(r - R)/a}}$$

where $V(r) = -\frac{V_0}{1 + e^{(r - R)/a}}$

The radial variation of the Woods-Saxon potential. The calculations were carried out with the aid of a "Strela" computer. The results are presented in the form of curves for the scattering cross section and scattering phase versus energy and are compared with the corresponding experimental data. The theoretical $s_{1/2}$ and $d_{3/2}$ phases agree with the experimental in a certain neutron energy range; the divergences at some energies are explained by interference effects. On the whole, scattering calculated on the basis of the Woods-Saxon potential, taking into account spin-orbit interaction, allows of explaining the observed decrease of neutron scattering cross section for O^{16} and C^{12} with rising neutron energy, and the positions and characteristics of the single-particle quasi-stationary levels. In conclusion, we express our sincere gratitude to V.V. Balashov for discussion and

aid in the work."

Card 27/2

ASSOCIATION: Scientific-Research Inst. of Nuclear Physics,
Moscow State University

1 1/14/63	577(m)/SOS	ATTC/ASD	S/0048/63/027/007/0903/0906
ACCESSION NO. AP-003-94			5-5 54
AUTHOR: Kolesov, V.Ya.; Korotkikh, V.L.; Malashkin, V.G.			
DATE: 2 February 1963	2 February 1963	2 February 1963	2 February 1963
SOURCE: AN SSSR, Izv Seriya fizicheskaya, v.37, no.7, 1963, 903-906			
TOPIC TAGS: neutron scattering, scattering phase, scattering cross section, optical model, O16, C12			
ABSTRACT: The hypothesis that the interaction of neutrons with O16 and C12, which have closed shells, can be described by a unique potential can be checked by comparing the results of scattering calculations with experimental results. Usually such "tests" consist in trying to find potential parameters that will yield a fit to the experimental curves. In the range of low energies, where the scattering is elastic, one can use the real potential, in which case one must take into account spin-orbit interaction and smearing out of the potential boundaries. In the calculations of L.L. Fowler and H.O. Cohn (Phys.Rev. 109, 89, 1958) and Y.Aktyma (Prog. Nucl.Phys., 23, 903, 1960) the potential was taken in the form of a square well with exponential boundaries and in the form of two conjugated parabolas, respectively.			
Card 1/1			

SHVYRYAYEVA, A.M.; MALASHKINA, N.S.

Morphological changes and plant diseases in the boron biogeochemical province. Trudy Biogeokhim. lab. no.11:238-245 '60. (MIRA 14:5)

1. Vsesoyuznyy aerogeologicheskiy trest, Ekspeditsiya No.10.
(PLANTS, EFFECT OF BORON ON)

MALASHKINA, N.S.

Modified from of the large-headed poppy (*Papaver macrostomum* Boiss. et Huet.) in regions of biogeochemical provinces rich in lead and zinc. Trudy Biogeokhim. lab. no.11:224-225 '60. (MIRA 14:5)

1. Institut geokhimii i analiticheskoy khimii imeni V.I.Vernadskogo
AN SSSR.
(ATKYZ REGION--POPPY) (PLANTS, EFFECT OF METALS ON)
(ABNORMALITIES (PLANTS))

Biogeochemical Studies in Kadzharan, Armyanskaya SSR SOV/7-59-5-4/14

crenate up to lobate petals were found in the Atkyz deposit. This may go so far that more than four petals seem to exist (Fig 4). On the strength of the map plotting (Fig 5) and the chemical analysis (Table 2) the authors assume that this phenomenon is caused by the lead- and zinc content. A change in the vascular fibrous bundle was detected as well in the changed specimens of the mentioned species (Fig 6). There are 6 figures, 2 tables, and 7 references, 5 of which are Soviet.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo AN SSSR, Moskva (Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy AS USSR, Moscow)

SUBMITTED: April 8, 1959

Card 2/2

AUTHORS: Malyuga, D. P., Malashkina, N. S., Makarova, A. I. SOV/7-59-5-4/14

TITLE: Biogeochemical Studies in Kadzharan, Armyanskaya SSR
(Biogeokhimicheskiye issledovaniya v Kadzharane, Armyanskaya SSR)

PERIODICAL: Geokhimiya, 1959, Nr 5, pp 423 - 431 (USSR)

ABSTRACT: Several ecological characteristic features were found in the biogeochemical study of the Karmir-Karskiy ore district, at the right bank of the Okhchi river, and of the region of the Atkyz deposits. A geological (Fig 1) and a geobotanical map (Fig 2) show e.g. a distinctly marked dependence of the plant associations on the subsoil; the thyme-tragacanth associations are especially bound to monzonite, the bean-[miscellaneous] herbs to porphyrite. The molybdenum- and copper contents in Astragalus declinatus W., hypericum perforatum, Lapsana communis L., thyme-Transcaucasia, and Gold Astragelus were investigated (Table 1). The molybdenum content in Astragalus declinatus W. attains up to one tenth percent of the ash. Furthermore, specimens of Papaver commutatum F. et M. with enlarged black pigment spot on the petals (Fig 3). It is possible that this phenomenon is caused by the Cu- and Mo-content, this assumption is, however, not confirmed. Papaver macrostomum B. et H. with

MALASHKINA, N.S.

Anatomical-morphological study of stag-headedness in the British
oak (*Quercus robur L.*) in the environment of Kamyshin [with summary
in English]. Biul. MOIP. Otd. biol. 63 no. 3: 127-134 My-Je '58.
(MIRA 12:3)

(KAMYSHIN DISTRICT---OAK)

65(2)-65 (A) INT(m)/D 13/134

ACC NR: AP5028537

SOURCE CODE: UR/0286/65/000/020/0134/0134
16
B

AUTHORS: Libman, Z. M.; Malashkin, N. P.

ORG: none

TITLE: A method for producing filtering material for purifying oils and fuel, primarily for locomotives. Class 76, No. 175850

SOURCE: Byulleten' izobretensiy i tovarnykh znakov, no. 20, 1965, 134

TOPIC TAGS: filtration, industrial filter, fuel oil, LOCOMOTIVE

ABSTRACT: This Author Certificate presents a method for producing filtering material for purifying oils and fuel, primarily for locomotives. To lower the cost, the expensive cotton-paper fiber is replaced by a wadded waste of the weaving industry. This by-product is sorted, its extraneous admixtures are removed, and the threads are straightened on a separating drum. The layer of thread formed on the drum is next cut along the generatrix of the drum, divided into skeins of a definite weight, strengthened, and wrapped into packages.

SUB CODE: 13/ SUBM DATE: 26Mar64

BVK
Card 1/1

UDC: 66.067.332.002.2

KONONOV, Yu.I., Inzh.; ~~Mal'chenko, Yu.N., inzh.~~

Laying a still concrete lining in a separate abutment at the BUKHTARMINSK Hydroelectric Power Station project. Buerg.stroi. no.6:
39-42 '58. (MIR. 19:11)

1. Irtyshstroy.
(Bukhtarminsk Hydroelectric Power Station)
(Concrete construction)

SOV/84-60-2-44/59

A Testing Stand for Flow Gauges

pump through a friction clutch. The instrument panel incorporates measuring instruments, a toggle starting switch for the MA-100 converter and a master switch (such as used in the UPR-1) with an additional switch for the RP-4 relay. The transformer includes a PT-56 thyratron interrupter. The control selsyn transmitter is fed from a TRP-52 step-down transformer, or from a transformer such as used in the UPR-1. The connection of the RTMS-1.2 to the pickups under test is made through a ZPNP-45 on-offswitch. Parameters used in checking the RTS-16a flow gauges are the same as those for the RTS-16 flow gauges. There is 1 drawing.

ASSOCIATION: LERM of the Airport

Card 2/2

SOV/84-60-2-44/59

1(4)

AUTHOR: Suslovarov, V., Foreman, and Malashkin, Ye.,
Instrument Technician, (Vnukovo)

TITLE: A Testing Stand for Flow Gauges

PERIODICAL: Grazhdanskaya aviatsiya, 1960, Nr 2, p 28 (USSR)

ABSTRACT: The authors give a general description of their testing stand for flow gauges and claim that it has advantages over the standard UPR-1 stand. The stand (see accompanying drawing) comprises a framework of welded angular steel covered with 1.2mm sheet steel. One of the two troughs on the desk checks flow gauge pickups for feed accuracy while the other checks their hermetic qualities. The 600x400x200mm fuel tank under the desk is made of 1 1/2 mm steel and has a drain tap and a feed pipe. An electric motor is mounted behind the stand's instrument panel and is connected with the

Card 1/2

MALASHKIN, Oleg Nikolayevich, kand.tekhn.nauk; TREPENENKOV, Igor' Isidorovich, kand.tekhn.nauk; KRYUKOV, V.L., red.; BALLOD, A.I., tekhn.red.; PROKOP'YEVA, L.N., tekhn.red.

[Manual for tractor drivers] Spravochnik traktorista v voprosakh i otvetakh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 351 p.
(MIRA 14:1)

(Tractors)

MALASHKIN, O.M., kand. tekhn. nauk

Basic trends in the development of tractor diesel engines in
the U.S.A. Trakt. i sel'khozmash. no.11:46,48 N '65.

(MIRA 18:12)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyy
institut.

LENIN, I.M., doktor tekhn. nauk, prof.; MALASHKIN, O.M., kand. tekhn. nauk; SAMOL', G.I., kand. tekhn. nauk; MEL'KUMOV, T.M., doktor tekhn. nauk, prof.; NAKHIMSON, V.A., red. izd-va; YEGORKINA, L.I., red.izd-va; EL'KIND, V.D., tekhn. red.

[Fuel feed systems of motor-vehicle and tractor engines]
Sistemy toplivopodachi avtomobil'nykh i traktornykh dvigatelei. Moskva, Mashgiz, 1963. 312 p. (MIRA 16:12)
(Motor vehicles--Fuel systems)
(Tractors--Fuel systems)

MALASHKIN, O.M., kand.tekhn.nauk

Future development of tractor engines. Trakt.i sel'khozmash. 32
no.43-8 Ap '62. (MIRA 1564)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy
traktornyy institut.
(Tractors--Engines)

Increasing the Output (Cont.)

SOV/3049

of loop scavenging are evaluated. The types of diesel engines discussed are mostly non-Soviet.

Portnov, D.A. [Doctor of Technical Sciences, Professor, NIID]. Optimum Compression in a Transport-type Turbopiston Engine

58

The author analyzes the effects of compression on the basic parameters of turbopiston-engine performance, the relation of compression to supercharging, maximum-pressure values in supercharging, and effects of supercharging pressure on various characteristic pressures in the engine.

Kruglov, M.G. [Candidate of Technical Sciences, MVTU imeni Bauman]. Some Possibilities of Increasing the Capacity and Efficiency of Two-stroke Tractor Diesel Engines

73

The author analyzes the effect of the shape of the exhaust cam and of the exhaust-valve timing upon the efficiency of an engine with valve-port scavenging. Other topics discussed in the article include scavenge efficiency of loop scavenging in a one-cylinder engine, scavenge efficiency computation for a YaAZ-204 engine, and the amount of supercharging in a YaAZ-204 engine.

Card 4/8

Increasing the Output (Cont.)

SOV/3049

Orlin, A.S. The Problem of the Development of Layouts for Two-stroke Engines
and Computations of Gas Exchange

21

The author analyzes the layouts of two-stroke engines in current use and designs for the arrangement of gas exchange. Methods of computing gas-exchange processes are surveyed. Attention is given to the problems of efficient scavenging and better layouts of gas-distribution mechanisms. Results of an analysis of the gas-distribution process in a YaAZ-204 engine are presented.

Vyrubov, D.N. [Doctor of Technical Sciences, Professor, MVTU imeni Bauman].
Problems of Mixture Formation in Compression-ignition Engines

37

The author analyzes the problem of power output and discusses methods of obtaining most efficient combustion. Effects of cooling media and problems associated with fuel injection are also surveyed.

Malashkin, O.M. [Candidate of Technical Sciences, NATI]. The Question of
Using Two-stroke Cycles for Tractor Diesel Engines

47

The author compares some typical tractor engines and classifies them according to the method of producing scavenge air. Some typical schemes

Card 3/8

Increasing the Output (Cont.)

SOV/3049

economy and greater capacities for internal combustion engines. Experimental results are stated and their effectiveness evaluated. The conference took place in 1957. The introduction to the collection contains short summaries of the articles. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

Introduction

3

REPORTS

Charomskiy, A.D. [Doctor of Technical Sciences, Professor]. Some Problems in the Further Development of Soviet High-speed Diesels

7

The author discusses four-stroke and two-stroke locomotive and marine diesel engines. Information on design improvements and new models is given. The conclusions of the author are summarized at the end of the article.

Card 2/8

MALASHKIN, I.M.

II(1); 26(4) P. 3

PHASE I BOOK EXPLOITATION

SOV/3049

Moscow. Vyssheye tekhnicheskoye uchilishche

Povysheniye moshchnosti i uluchsheniye ekonomichnosti dvigateley vnutrennego sgoraniya; doklady i soobshcheniya na nauchno-tehnicheskoy konferentsii kafedry "Dvigateli vnutrennego sgoraniya" MVTU imeni Baumana (Increasing the Output and Improving the Economy of Internal Combustion Engines; Reports and Transactions Presented at the Scientific and Technical Conference Held by the Department of Internal Combustion Engines, MVTU imeni Bauman) Moscow, Mashgiz, 1959. 219 p. Errata slip inserted. 4,500 copies printed.

Ed.: A.S. Orlin, Doctor of Technical Sciences; Ed. of Publishing House: L.I. Yegorkina; Tech. Ed.: V.D. El'kind; Managing Ed. for Literature on Automotive, Tractor, and Agricultural Machine Building: I.M. Bauman, Engineer.

PURPOSE: This collection of articles is intended for scientific and engineering personnel of research institutes and machine-building plants.

COVERAGE: The collection contains reports and papers dealing with better

Card 1/8

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

MALASHKIN, O.M., kand.tekhn.nauk

Prospective development of two-stroke diesel engines for tractors.
Trakt. i sel'khozmash. no.5:5-9 My '58. (MIRA 11:6)
(Diesel engines)

VELIKHIN, I.N., kand.tekhn. nauk; AKOPTAN, S.I., kand. tekhn.nauk, otv.red.;
GOSTEV, B.I., kand.tekhn.nauk, zam.otv.red; VASIL'YEV, A.V., kand.
tekhn.nauk, red.; KRISTI, M.K., prof., red.; L'VOV, Ye.D., prof., red;
MALASHKEVICH, G.M., kand.tekhn.nauk; YUDUSHKIN, N.G., inzh.; UVAROVA,
A.F., tekhn.red.

[Some characteristics of the performance of gas-producer engines]
Nekotorye osobennosti rabochego protesssa gazogeneratornykh dvigatelei
Moskva, Gos. nauchno-tekhn ist-d-vo mashinostroit. litry, 1958. 37 p.
(Moscow, Gosudarstvennyi sciuznyi nauchno-issledovatel'skii
traktornyj institut [Trudy], no.16) (MIRA 12:3)
(Gas and oil engines--Testing)

MALASHKIN, O.M.

KRUGLOV, Mikhail Georgiyevich; OL'YAK, Valentin Dmitriyevich; ORLIN, A.S., professor, redaktor; MALASHKIN, O.M., inzhener, retsenzent; LIUTA, V.I., inzhener, redaktor izdatel'stva; RUDENSKIY, Ya.V., tekhnicheskiy redaktor

[Tractor engines] Traktornye dvigateli. Pod red. A.S.Orlina, Kiev,
Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 325 p.
(Tractors--Engines) (MLRA 10:1)

MALASHKIN, O.M.

MALASHKIN, O.M.; MOLCHANOV, A.P.; SHCHUROV, S.A., kandidat tekhnicheskikh nauk.

New fitting for the vertical combustion chamber of a D-35 engine.
Avt.trakt.prom. no.8:24-25 Ag '54. (MLRA 7:9)

1. Nauchnyy avtomotornyy institut.
(Automobiles--Engines)

MALASHKIN, O.M.

SHCHUROV, S.A., kandidat tekhnicheskikh nauk; MALASHKIN, O.M., inzhener,
retsensent; TIKHONOV, A.Ya., tekhnicheskiy redaktor; TOROVA, S.M.,
tekhnicheskiy redaktor

[Fuel systems of Soviet tractors] Sistemy pitanija otechestvennykh
traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry,
1954. 251 p. [Microfilm]
(MLRA 8:3)
(Tractors--Fuel systems)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

MALASHKIN, O.M.

Comparison of technical and economical characteristics of tractor engines.
Avt.trakt.prom. no.6:3-7 Je '53.
(MLRA 6:6)
(Tractors--Motors)

MALASHKIN, O. M.

Diesel motor

"High Speed diesels". Reviewed by O.M.Malsahkin. Avt.trakt.prom. No.1, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

NASTENKO, N., MALASHKIN, O., KNIAZEV, A.

Diesel Motor

Standardized fuel pump for tractor diesel engines. MTS, 11, no. 12, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May ² 1958, Uncl.

MALASHKHIYA, Yu.A.

Development of some neurologic syndromes in chronic tonsillitis
and the methods of their treatment. Soob. AN Gruz. SSR 30 no.5:
679-684 My '63. (MIRA 16:11)

1. Institut klinicheskoy i eksperimental'noy nevrologii AN Gruz
SSR, Tbilisi. Predstavлено академиком P.P. Kavtaradze.

*

SHATS-MSHVELIDZE, M.I.; MALASHKHIYA, Yu.A.

Disorders of the nervous system in chronic tonsillitis. Zh. nevropat. psikiat. Korsakov 63 no. 3:377-380 '63 (MIRA 17:1)

1. Institut klinicheskoy i eksperimental'noy nevrologii AN Gruzinskoy SSR i kafedra nervnykh bolezney (zav. - prof. P.M. Saradzhishvili) Instituta usovershenstvovaniya vrachey, Tbilisi.

6

L 2482-66

ACCESSION NR: AP5007040

ASSOCIATION: Ob"yedinennyj institut yadernykh issledovaniy (Joint Nuclear Research Institute)

SUBMITTED: 19Jan64

ENCL: 00

SUB CODE: EE, NP

NO REF Sov: 000

OTHER: 000

ATT PRESS: 3246

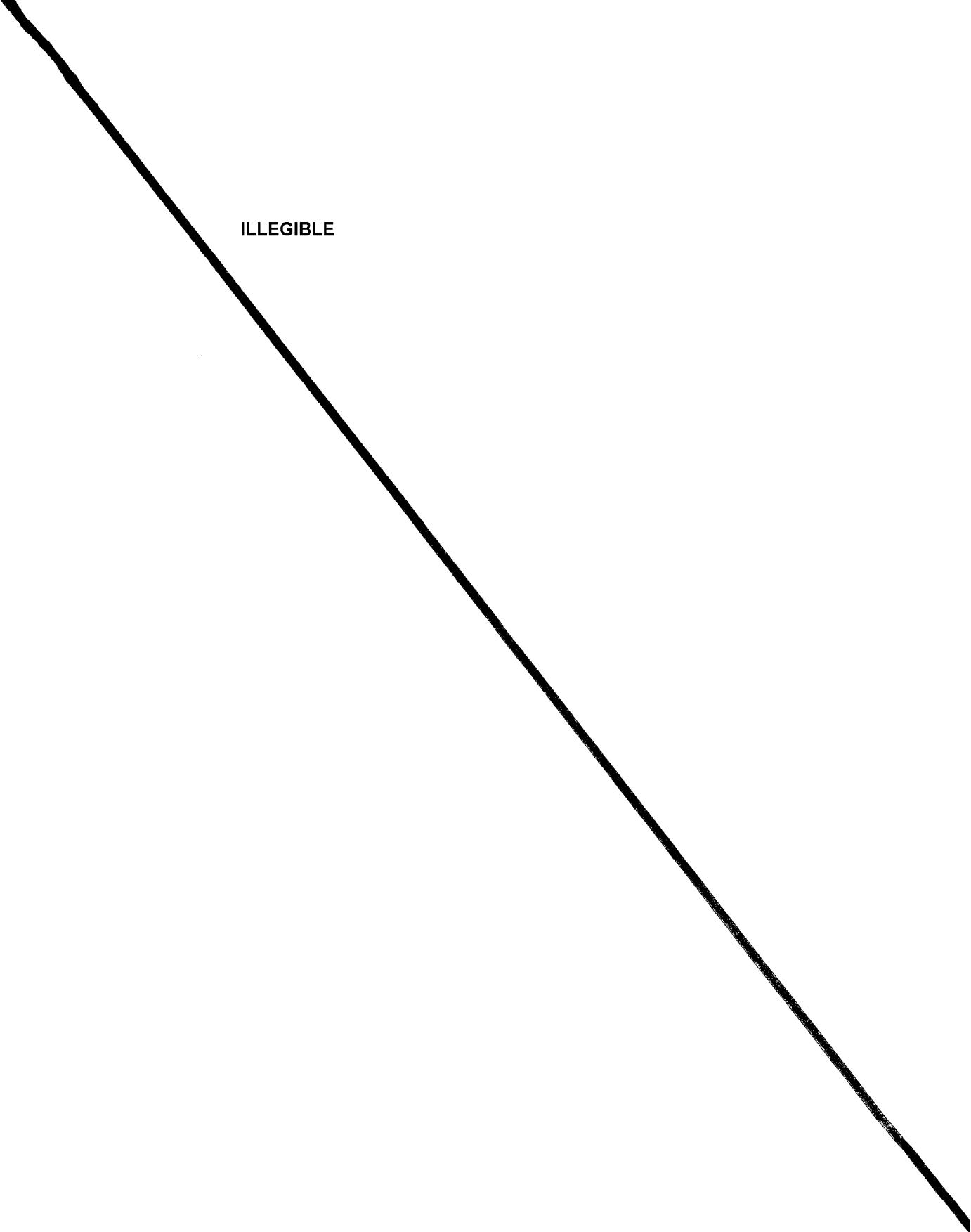
BVK
C-1 2/R

L 2482-66	EWT(m)/EPA(w)-2/EWA(m)-2	IJP(c)
ACCESSION NR:	AP5007040	S/0120/65/000/001/0120/0123
<p><u>AUTHOR:</u> Karzhavin, Yu. A.; Kulikov, Yu. V.; Malashkevich, N. I.; Rakitskly, D. V.; Ramzin, V. N.</p>		
<p><u>TITLE:</u> Stabilized high-voltage power source of ± 250 kv</p>		
<p><u>SOURCE:</u> Pribory i tekhnika eksperimenta, no. 1, 1965, 120-123</p>		
<p><u>TOPIC TAGS:</u> high voltage generator, separator, k meson beam, antiproton beam, proton synchrotron</p>		
<p><u>ABSTRACT:</u> A ± 250-kv power source is described for use in conjunction with a separator to produce pure k-meson and antiproton beams on the Joint Nuclear Research Institute's proton synchrotron.¹⁹ The stability of the source is $\pm 0.1\%$; its power output is 6 kw. High voltage is produced in two stages. The first stage is a standard ultrasonic generator with a slightly modified circuit, which, together with a series resonant circuit, assures an effective output voltage of 70 kv. The second stage consists of two cascade-connected generators which produce $+250$ kv and -250 kv, respectively. The source is relatively simple in construction and uses standard components. With a slightly modified ultrasonic generator, voltages 5-15 times higher can be obtained with a load power of several kw. Orig. art. has: 5 figures. [JR]</p>		

Card 1/2

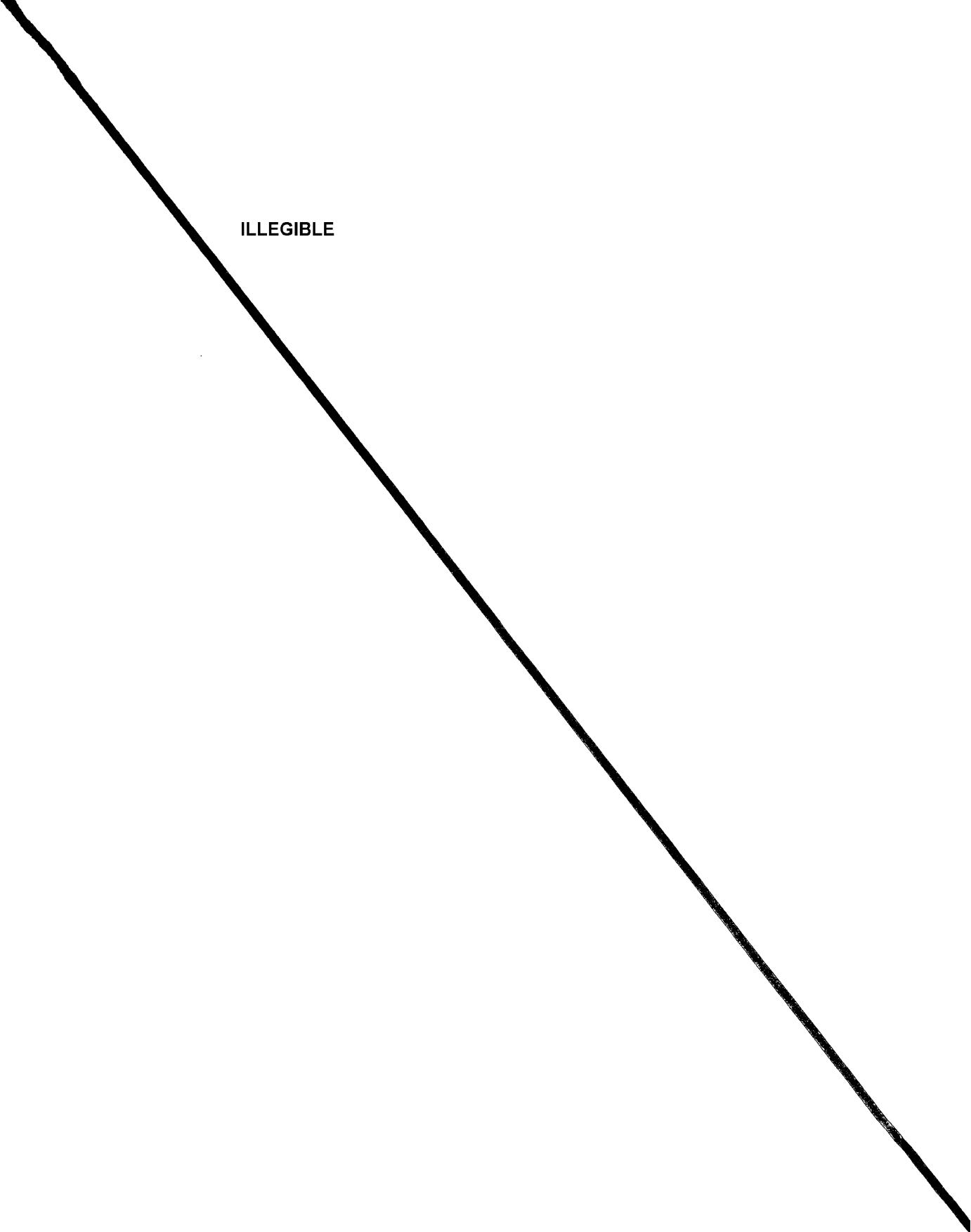
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

ILLEGIBLE



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ILLEGIBLE



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

Carbohydrate and phosphorus metabolism in the central nervous system during gamma irradiation by Co⁶⁰. Vestsj AN BSSR, Ser. bilial. rev. no. 3:66-70 '61. (MIA 14:10)
(GAMMA RAYS--PHYSIOLOGICAL EFFECT)
(METABOLISM) (NERVOUS SYSTEM)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

MALASHIN, S.D., inzhener.

Making reinforced concrete panels with oval-shaped vaulted cavities
for ceilings. Bet.i zhel.-bet. no.10:368-369 0 '56. (MLRA 9:11)
(Concrete slabs)

MALASHIN, I.I.

A progressive and spirited worker. Elek.1 tepl.tiaga 7 no.2:17
(MIRA 16:2)
F '63.

1. Mashinist-instruktor depo Lyangasovo Gor'kovskoy dorogi.
(Railroads--Employees)

SOV/177-58-4-9/32

' The Significance of the Vago-sympathic Novocain-Blockade in the
Prophylaxis of Post-Operative Complications of Organs of the
Abdominal Cavity

the data of several surgeons, including V.N. Shevkunenko,
and B.V. Ognev, the author performed a blockade chiefly
from the left side and gained in nearly all cases
the same positive effect as in the double blockade.
The presence of the Gorner symptom proved the correct
carrying-out of the blockade. In several patients,
hoarseness, numbness of the tongue and xerostomia were
observed. Especially positive results were obtained
in gastrectomy and appendectomy. The author concludes
that the pre-operative application of the vago-sympathic
novocain-blockade reduces post-operative complications
among patients, compared with the control group. There
are 2 tables, 2 graphs and 1 Soviet reference.

Card 2/2

Q

17(12)

SOW/177-58-4-9/32

AUTHOR: Malashin, I.A., Lieutenant-Colonel of the Medical Corps

TITLE: The Significance of the Vago-sympathetic Novocain-Blockade in the Prophylaxis of Post-Operative Complications of Organs of the Abdominal Cavity (Znacheniye sheynoy vago-sympaticheskoy novokainovoy blokady v profilaktike oslozhneniy posle operatsiy na organakh bryushnoy polostsi)

PERIODICAL: Voyenno-meditsinskiy zhurnal, 1958, Nr 4, pp 29-33 (USSR)

ABSTRACT: This article deals with the problem of preventing post-operative complications by application of the vago-sympathetic blockade. The author quotes the statement of the XXVI All-Union Surgical Congress, that in connection with hemotransfusion, the vago-sympathetic novocain-blockade, according to A.V. Vishnevskiy, is one of the most effective means to prevent a shock while operating on organs of the abdominal cavity. The statement has been corroborated by data obtained from S.A. Banaytis, M.N. Akhutin, S.P. Skvortsov and I.V. Danilov. Taking into account

Card 1/2

MALASHENKOV, V. V., 1938-

Schoenite crystals from pegmatite veins in the Serpentine
Mountain region, Kirov Obl., RUSSIA. 10 Aug. 1964.

(MIRA 18:5)

1. Gosudarstvennyj nauchno-issledovatel'stvennyj in-t vuzov,

MALASHEVSKIY, V.V.; BILONIZHKA, P.M.

Hexahydrite from the salt deposits in the cis-Carpathian region.
Min. sbor. no.16:441-445 '62. (MIRA 16:10)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'vov.
(Carpathian Mountain region--Hexahydrite)

BILONIZHKA, F.M.; MALASHEVSKIY, V.V.

Kainite crystals of the Stebnik potassium deposit in the
Carpathian Mountain region. Min. sbor. no.15:277-284 '61.
(MIRA 15:6)

1. Gosudarstvennyy universitet imeni Ivana Franko, Lvov.
(Carpathian Mountain region--Kainite crystals)

YELISEYEV, E.N.; MALASHEVSKIY, V.V.

Method of an x-ray analysis of monoclinic minerals as illustrated
by the study of desmine, astrakanite, vivianite. Min. sbor.
no.15:91-108 '61. (MIRA 15:6)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'vov.
(X-ray crystallography)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

MALASHEVSKIY, V.N.; POPOVICH, N.I.

Structural-facies zones in the Cambrian of the Arctic and sub-
arctic Urals. Mat. VSEGEI no.67:81-94 '61. (MIRA 15:12)
(Ural Mountain region—Geology)

GURVICH, S.I.; KAZARINOV, L.N.; MALASHEVSKIY, A.N.

Discovery of titanium-zirconium placers in central Ciscaucasia.
Dokl.AN SSSR 144 no.3:619-621 My '62. (MIRA 15:5)

1. Predstavлено академиком D.I.Shcherbakovym.
(Ciscaucasia -Geology, Stratigraphic)

MALASHEVICH, Vladimir Il'ich; SELEZNEV, N.G., red.; PULIN, L.I., tekhn.
red.

[Cost of sugar beet production and how to reduce it] Sebestoimost'
sakharanoi svekly i puti ee snizheniya. Tula, Tul'skoe knizhnoe izd-
vo, 1960. 86 p. (MIRA 14:7)

(Sugar beets--Costs)

MALASHEVICH, V.

Our practice in organizing auditing. Fin. SSSR 37 no.10:72-76 0 '63.
(MIRA 17:2)

1. Nachal'nik otdela gosudarstvennykh dokhodov Odesskogo promyshlennogo
oblastnogo finansovogo otdela.

KARZHAVIN, Yu.A.; KULIKOV, Yu.V.; MALASHKEVICH, N.I.; RAKITSKIY, D.V.; RAMZHIN,
V.N.

High-power source of stabilized voltage of $\pm 250\text{kv}$. Prib. i tekhn. eksp.
10 no.1:120-123 Ja-F '65. (MIRA 18:7)

1. Ob'yedinennyj institut Yadernykh issledovaniy.

LEVINA, S.A.; YERMOLENKO, N.F.; MALASHEVICH, L.N.; PROKOPOVICH, A.A.

Some substituted forms of the NaX zeolite. Dokl. AN BSSR 8 no.7:
452-454 '64. (MIRA 17:10)

1. Institut obshchey i neorganicheskoy khimii AN BSSR.

YERMOLENKO, N.P.; LEVINA, S.A.; MALASHENICH, L.N.

Cation exchange of bivalent metals on a synthetic 13X-type
zeolite. Dokl. AN BSSR 7 no.11:756-759 N '63. (MIRA 17:9)

1. Institut obshchey i neorganicheskoy khimii AN BSSR.

LEVINA, S.A.; MALASHEVICH, L.N.; YERMOLENKO, N.F.

Adsorption of dyes by synthetic zeolites. Koll. zhur. 25 no.5:
567-571 S-0 '63. (MIRA 16:10)

1. Institut obshchey i neorganicheskoy khimii AN BSSR, Minsk.

YERMOLENKO, N.F.; MALASHEVICH, L.N.

Adsorption of gelatin by coal and mineral adsorbents as related
to their activity and the pH of the medium. Dokl. AN BSSR 6 no.1:
35-38 '62. (MIRA 15:2)

1. Institut boshchey i neorganicheskoy khimii AN BSSR.
(Gelatin) (Adsorption)

ACC NR: AP7004792

SOURCE CODE: UR/0413/67/000/001/0127/0127

INVENTOR: Pevzner, S. B.; Korneyev, N. I.; Skugarev, I. G.; Malashenko, Yu. V.; Yemel'yanov, V. B.; Zakhарова, Г. В.

ORG: none

TITLE: Method of welding dissimilar metals. Class 49, No. 190182

SOURCE: Izobreteniya, promyshlennyye obraztsey, tovarnyye znaki, no. 1, 1967, 127

TOPIC TAGS: dissimilar metal welding, ~~metal~~ vacuum welding, ~~vacuum~~ metal extrusion,
~~WELDING TECHNOLOGY~~

ABSTRACT: This Author Certificate introduces method for welding dissimilar metals. Articles to be welded are heated and extruded in vacuum. To improve the weld quality, they are extruded through a die. [AZ]

SUB CODE: 11, 13/ SUBM DATE: none

Card 1/1

UDC: 621.791.4

MALASHENKO, Yu.R.; KHARCHENKO, S.N.

Effect of various factors on the antibiotic activity of dendrochin.
Mikrobiol. zhur. 26 no.5:18-22 '64. (MIRA 18:7)

1. Institut mikrobiologii i virusologii AN UkrSSR.

Malashenko, Yu.R.; KULIKOV, M.A. [Kulykov, M.O.]

Statistical processing of experimental data. Mikrobiol. zhur.
25 no.2:62-69 '63. (MI.A 17:10)

1. Institut mikrobiologii AN UkrSSR i Institut matematiki AN UkrSSR.

MALASHENKO, Yu.R.

Study on the dynamics of the morphological composition
of peripheral blood in chronic mycotoxicosis induced by
dendrodochin. Mikrobiol. zhur. 25 no.3:28-33 '63.
(MIRA 17:1)

1. Institut mikrobiologii AN UkrSSR.

MALASHENKO, Yu.R.

Dynamic study of the morphological composition of the peripheral blood of rabbits in acute toxicosis caused by dendrodochin. Mikrobiol. zhur. 25 no.2:31-36 '63. (MIRA 17:10)

1. Institut mikrobiologii AN UkrSSR.

MALASHENKO, Yu.R.

Quantitative elution of paper chromatograms in glass capillary tubes. Ukr. biokhim. zhur. 34 no.2:286-289 '62. (MIRA 16:11)

1. Institute of Microbiology of the Academy of Sciences of the Ukrainian S.S.R., Kiev.

MALASHENKO, Yu.R.

Toxicity of dendrodochin for certain species of laboratory
animals. Mikrobiol. zhur. 24. no.4;16-22 '62 (MIRA 16:5)

1. Institut mikrobiologii AN UkrSSR.
(DENDRODOCHIN—TOXICOLOGY)

MALASHENKO, Yu. R., DERBENTSEVA, N. A.

All-Union conference on methods for isolating, purifying and
identifying natural substances. Mikrobiol. zhur. 23 no. 3:73-75
'61. (MIRA 15:7)

(BIOLOGICAL PRODUCTS)

BILAY, V. I.; ZANEVICH, V. Ye. [Zanevych, V. IE.]; MALASHENKO, Yu. R.

Comparative study of various strains of *Fusarium moniliforme*
Shield - producers of gibberellin-like stimulators of plant
growth. Mikrobiol. zhur. 23 no. 3: 34-38 '61.
(MIRA 15:7)

1. Institut mikrobiologii Akademii nauk USSR.

(FUNGI) / (GROWTH PROMOTING SUBSTANCES)

MALASHENKO, Yu.R.

Study of some biological properties of dendrodochin. Report No.1:
Toxic effect of dendrodochin on the growth and weight of rats.
Mikrobiol. zhur. 23 no.2:25-30 '61. (MIRA 14:7)

1. Institut mikrobiologii AN USSR.
(FUNGI, POISONOUS)

PONOMARENKO, F.N. [Ponomarenko, F.M.]; SKIRTA, O.N. [Skyrta, O.M.];
MALASHENKO, Yu.R.

Results of a pathomorphological analysis of the toxic effect of
dendrodochin on the organism of rabbits and rats. Mikrobiol. zhur.
23 no.2:15-24 '61. (MIRA 14:7)

1. Institut mikrobiologii AN USSR.
(FUNGI, POISONOUS)

MALASHENKO, Yu.R.

Primary isolation of dendrochime. Dop.AN URSR no.3:379-383 '61.
(MIRA 14:3)

1. Institut mikrobiologii AN USSR. Predstavлено академиком AN
USSR V.G.Drobot'ko[Drobot'ko, V.H.].
(FUNGI, POISONOUS)

L 9811-63
 TEC
 ACCESSION NR. AP3000535 S/0105/63/000/005/0070/0072 7/
 AUTHOR: KALINOVSKO, V. N.
 TITLE: Antenna for measuring spurious radiation of VHF radio receivers and tv sets (56)
 SOURCE: Elektronsvyaz', no. 5, 1963, 70-72
 TOPIC WORDS: VHF measuring antenna, VHF spurious radiation
 ABSTRACT: The measuring antenna, which is a part of the Soviet IP-14 or IP-26m radio-noise meter, is very inconvenient to work with. A new design of measuring antenna is offered in which a half-wave dipole can be easily set at any height within 1-4 m on a wooden tripod-braced stand. Tests have shown that the new antenna expedites the measurements, permits using 2 workers instead of 3, assures more accurate measurements, meets the specifications of paragraph 56 of GOST 9783-61, and permits measurements specified by the International Electrotechnical Commission. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: none

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

MAIASHENKO, V.I.

Young specialists in the light industry. Leg.prom. 18 no.11:
8-10 N '58. (MIRA 11:12)
(Labor and laboring classes)

ACC NR: AP6009042

and the immediate aiming and firing at them is recommended. A training device used for aiming at flashing lights is described. The field exercises and the evaluation of results and final ratings are discussed. A special fire control device designed and used by one unit for controlling the aiming operations from moving vehicles is also described. The organization of training by using different types of firearms (automatic light weapons, machine guns, grenades, etc.) and the assignment of trainees to various training groups is briefly reviewed.

SUB CODE: 05, 15/ SUBM DATE: None

Card 2/2

ACC NR: AP6009042

(A)

SOURCE CODE: UR/0018/65/000/011/0098/0101

AUTHOR: Malashenko, V. (Colonel); Yazov, D. (Colonel)

ORG: None

TITLE: Training for firing in the dark

SOURCE: Voyennyy vestnik, no. 11, 1965, 98-101

TOPIC TAGS: ground force training, conventional warfare

ABSTRACT: The training procedures practiced by various military units in the use of firearms in the darkness of night are reviewed. In one unit, the newly entered recruits are trained separately from the experienced old-line soldiers. First, an orientation training is given recruits to familiarize them with the darkness and with determination of target positions identified by various sounds and flashes. After that, they are progressively trained to handle and load their weapons first blindfolded, then at dawn and then in the dark, aiming at both illuminated and obscure targets. The old ranker soldiers are trained in firing from moving vehicles and for attaining a higher standard of proficiency by acquiring habits for firing in the dark under various conditions and from different positions. Some practical examples of training and drilling procedures used by various commanding officers are presented including the proper handling of firearms and methods of aiming. The effect of being blinded by bright flashes and flares is mentioned.

Card 1/2

BELYANKIN, Fedor Pavlovich, akademik; MALASHENKO, Sergey Vasil'yevich,
doktor tekhn. nauk; KHOTYANITSEV, Nikolay Pavlovich, starshiy
nauchnyy sotr.; MOZNIKER, Riva Abramovna, vedushchiy inzh.;
RADZYEVSKIY, Vadim Antonovich, vedushchiy inzh.; VASILEVSKAYA,
Zoya Ivanovna, vedushchiy inzh.; DRAYGOR, D.A., doktor tekhn.
nauk, otv. red.; KISINA, I.V., red. izd-va; LIBERMAN, T.R.,
tekhn. red.

[The R-50 universal vibratory testing unit] Universal'naia
vibratsionnaia ispytatel'naia ustanovka R-50. Kiev, Izd-vo
Akad. nauk USSR, 1961. 114 p. (MIRA 15:2)

1. Akademiya nauk USSR (for Belyankin).
(Testing machines)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

ISHCHENKO, I.I.; MAIASHENKO, S.V.

Sixtieth birthday of Mikhail Alekseevich Lavrent'ev. Prykl.
mekh. 6 no.4:458-464 '60. (MIRA 13:11)
(Lavrent'ev, Mikhail Alekseevich, 1900-)

VALASHENKO, S.V. (Kiyev)

Experimental research on the rotation of bodies. PMTF no. 34205-
211 S-0'60. (MIRA 14:7)
(Rotating bodies)

MALASHENKO, S.V. (Kiyev); TEMCHENKO, M.Ye. (Kiyev)

Experimental method for studying the stability of the motion
of a gyroscope having a cavity filled with a liquid. PMTF
no.3:76-80 S-0 '60. (MIRA 14:7)
(Gyroscope)

Report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics,
Moscow, 27 Jan - 3 Feb (60).

168. S. D. Iatsev (Omsk): On space buckling of columns under hydrostatic pressure.
169. V. S. Isakoff (Kiev): Thermo-super at room temperature.
170. V. G. Ivanov (Moscow): Plasticity of metals under combined tension.
171. A. I. Ivchenko (Novosibirsk): Some problems of nonstationary flow in magnetohydrodynamics (magnetized) liquids.
172. A. I. Ivchenko, N. D. Butkov (Kiev): Some problems of magnetohydrodynamics.
173. V. I. Leont'ev (Kiev): The generalization of the torsion theory of cylindrical shells.
174. N. I. Leont'ev, V. V. Pashynsky (Kiev): The development of theories.
175. Yu. B. Levin (Kiev): Plastic flow of circular plates under tension and tension of compression and bending.
176. Yu. G. Lichtenberg (Gorky): Relation of an anisotropic thermal field.
177. A. D. Libecky (Gorky): Free vibrations and stability of generalized plastic restrained beams.
178. A. Lippman (Kharkov): Displacement of rods due to vibration of sloping layers.
179. E. T. Lifshits (Kharkov): On the application of linear wave equations to the solution of large sets of linear equations of elasticity theory.
180. G. I. Loeban (Dnepropetrovsk): The relation of structural parameters for structures of equal stability conditions of plates and cylinders.
181. F. A. Lomakin (Dnepropetrovsk): Large deflections of shallow shells of revolution under lateral pressure.
182. I. S. Litin (Kiev): Method for the solution of the equations of hydrodynamic plates across a circle of revolution.
183. S. A. Makarov (Gorky): Analysis of an arbitrary load applied to a circular cylindrical shell under an arbitrary load applied to a fixed base.
184. Yu. M. Maksimov (Kiev): On the experimental study of strains of cylindrical shells.
185. E. I. Matveev (Kiev): Creep strains and response of high polymers.
186. E. I. Matveev (Kiev): Vibrations of non-circular cylindrical shells.
187. Yu. N. Melnikov (Gorky): Some problems of nonlinear mechanics of shells.
188. Yu. N. Melnikov (Gorky): The influence of discontinuity on its strength.
189. G. G. Neustroev (Moscow): Investigation of the state of stress in square plates with central elliptical hole under internal pressure.
190. G. I. Neustroev (Gorky): Solving the plane elastic problem for elliptical shells by reduction to the problem of a rectangular plate with elliptical hole displacement.
191. I. I. Neustroev, B. G. Gulyaev (Neustroev): The stability of cylindrical shells in bending.
192. V. M. Nersesyan (Moscow): Stress and strain in naturally twisted bars.
193. I. I. Nesterov (Chernobyl): The problem of structural transformation and plane stability for exterior of an infinite number of shells.
194. I. A. Nekhoroshev (Orel): The relation of static and kinetic factors on the influence of uniform stresses and motion on elastic bodies from the effects of shear and wind.
195. A. N. Nekhoroshev (Orel): Vibrations of a curved bar along the hypotheses of linearized plate theory.
196. A. N. Nekhoroshev (Orel): Vibrations of a curved bar on elastic system and on elastic supports.
197. S. B. Nersesyan (Erevan): An experimental study of basic creep laws for soils.
198. G. G. Nikishin (Novosibirsk): On statically equivalent loads.
199. N. N. Nikishin (Novosibirsk): Contribution to the theory of plastic shells under uniform stresses.
200. N. S. Nikulin (Kiev): On the bending of a simply supported parallelogram plate.
201. M. V. Minkevich (Kiev): Relation of rheological properties of metal to yield strength stresses.

SGV/24-58-2-9/37

On the Branching of Stable Positions of Dynamical Equilibrium for
a Certain Mechanical System

There are 17 figures, 2 tables and 4 Soviet references.

SUBMITTED: May 29, 1957.

1. Mechanics--Theory 2. Mathematics

Card 3/3

SOV/24-58-8-9/37

On the Branching of Stable Positions of Dynamical Equilibrium for
a Certain Mechanical System

between the direction of the string and the vertical ξ ,
and let φ denote the angle between the vertical and
the axis of symmetry of the body. Considering the case
when the body is not far from a position in which the
string and the axis of symmetry of the body coincide with
the vertical, in which case α and φ are small, the
condition is derived that the approximate equations for
 α and φ should have a non-zero solution. For an
oblong body this yields four values of the angular
velocity $\pm \omega_1$, $\pm \omega_2$. Thus, apart from the position
of dynamical equilibrium in which $\alpha = 0$ and $\varphi = 0$
there are two other possible equilibrium positions. To
test the theoretical results, a series of experiments was
performed. The authors consider that the theoretical
and experimental investigations are in satisfactory
agreement.

Card 2/3

SOV/24-58-8-9/37
AUTHORS: Ishlinskiy, A. Yu., Malashenko, S.V. and Temchenko, M.Ye.
(Kiyev)

TITLE: On the Branching of Stable Positions of Dynamical Equilibrium for a Certain Mechanical System (O razvetylenii ustoychivykh polozheniy dinamicheskogo ravnovesiya odnoy mekhanicheskoy sistemy)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 8, pp 53-61 (USSR)

ABSTRACT: In the course of investigations carried out at the Institute of Mathematics and Structural Mechanics of the Ac.Sc., Ukrainian SSR, a new theoretical case was discovered of a mechanical system where the branching form and the original form are simultaneously stable, and it is to the study of this case that the present paper is devoted. The authors consider an axis-symmetric rigid body suspended by a completely flexible massless string which is in a position of relative equilibrium with respect to a system of coordinates rotating about the axis of ζ with constant angular velocity. It is assumed that the force of gravity and the tension in the string are the only external forces. Let α denote the angle

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

MALASHENKO, S.V., doktor tekhnicheskikh nauk; TODOROV, R.P., inzhener.

Device for investigating linear shrinkage in metals. Lit. proizv.
no.10:14-17 0 '56. (MLRA 9:11)

(Measuring instruments)

X

1. MALASHENKO, S.V.
2. USSR (600)
4. Deformations (Mechanics)
7. Using apparatus with pneumatic contact to investigate deformations, Sbor.trud. Inst.stroi.mekh. AN URSSR no. 16, 1952.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

1. MALASHENKO, S. V.
2. USSR (600)
4. Measuring Instruments
7. Pneumatic deformation measuring devices. Inzh sbor No. 12 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

MALASHENKO, S, V.

33095

Ustanovka Dlya Issledovaniy Prochnosti Pri Slozhnom Nagruzhenii. Doklady Adad. Nauk Ukr SSR, 1949, No. 4, o. 63-68.- Na Ukr. Yazy- Rezume Na Russ. Yazy.

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949.

MALASHENKO, S. V.

MALASHENKO, S. V. "The magnetic method of controlling the quality of silicon in 'ferrosilic' (ferrosilicon?)", (The express method), Inform. materialy (Akad. nauk Ukr. SSR, Inst. Stroit. mekhaniki), No. 3, 1949, p. 71-77, - Bibliog: 5 items.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

MALASHENKO, S. V.

Malashenko, S. V. "On the problem of a system for a linear vibrometer with a lowered sensitivity threshold", Inform. materialy (Akad. nauk Ukr. SSR' Inst. strukt. mekhaniki), No 2, 1949, p. 39- 44.

SO: U-4392, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No 21, 1949).

MALASHENKO, S. V.

DEFORMATIONS (MECHANICS)

Method of measuring stresses in an airplane propeller. Zbir. protal'nost. fiz., mekh., No. 8, 1948

Monthly List of Russian Accessions, Library of
Congress November 1952 UNCLASSIFIED

COUNTRY	:	USSR	Q
CATEGORY	:	Farm Animals. Honeybee	
ABS. JOUR.	:	RZBiol., No. 13, 1958, No. 59638	
AUTHOR	:	Malashenko, P. V.	
INST.	:	Ukrainian Experiment Station of Apiculture	
TITLE	:	The Influence of Low Temperatures on the Honeybee Organism	
ORIG. PUB.	:	Sb. nauchn. tr. Ukr. opytn. st. pchelovod- stva, 1957, vyp. 1, 39-47	
ABSTRACT	:	No abstract. See RZhBiol., 1957, No 17, No 76591.	

CARD: 1/1

MALASHENKO, P. V.

Transplanting mature fruit trees Moskva, Gos. izd-vo sel'khoz. lit-ry, 1954. 63p.
(55-28456)

SD405.M3

1. Tree planting. 2. Fruit-culture.

1. MAIASHENKO, P. V.; NESTEROVODSKIY, V. A.; OBYDENNOV, N. I.
2. USSR 600
4. Moths
7. Control of pests affecting bees, Pchelovodstvo, 29, No. 12, 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. MALASHENKO, P. V.
2. USSR (600)
4. Apple
7. Soaking apples.
Sad i og. №. 9. 1952.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

MALASHENKO, P.V.

Tree Planting

Transplanting mature fruit trees. Sad i og. no. 5, 1952

Monthly List of Russian Accessions, Library of Congress, July 1952 UNCLASSIFIED.

L 02394-67

ACC NR: AR6023327

with aging time and depends on the distance ratio between the particles of the hardening phase and the dimensions of the mosaic blocks. 4 illustrations, 1 table, bibliography of 12 titles. [Translation of abstract]

SUB CODE: 11, 20

L 02394-67 EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AR6023327 SOURCE CODE: UR/0276/66/000/003/B022/B022

AUTHOR: Gorev, K. V.; Tofpenets, R. L.; Mendeleyev, L. T.; Malashenko, L. M. 37
B

TITLE: On the problem of hardening precipitation aging alloys 16

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 3B158

REF SOURCE: Sb. Metallovedeniye i term. obrabotka met. Minsk, Nauka i tekhnika, 1965, 25-33

TOPIC TAGS: dispersion hardening, solid solution, aluminum alloy, copper alloy,
Alloy heat treatment

ABSTRACT: The factors affecting the hardening of precipitation aging alloys were studied. The work was done on Al-Cu (4.5% Cu), D16 and EI437 alloys. The conditions for heat treatment of the alloys are given. It is shown that the factors which affect the strength characteristics of precipitation aging alloys are the particle size in the hardening phase, distortions in the crystal lattice and the block structure of the matrix. The contribution of each of these factors is determined by the degree of decomposition of the solid solution. In the first stages of aging when the hardening phase is highly dispersed and coherently bound to the matrix, the decisive factor is the quantity and particle size in the hardening phase and distortions in the crystal lattice of the matrix due to decomposition of the solid solution. The contribution made by reduction in the size of mosaic blocks increases 16

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

EDEMSKAYA, N.D.; MALASHENKO, L.P.

Coal destruction during its preparation by heat treatment in
the continuous coking process. Trudy IGI 20:126-133 '63.
(MIRA 17:8)

KAZAKOV, Ye. I.; TYAZHELOVA, A. A.; MALASHENKO, L. P.;
GRIGOR'YEVA, K. V.

High-speed pyrolysis of vapor and gas products obtained in the
semicoking of Ukrainian brown coals. Trudy IGI 17:34-42 '62.
(MIRA 15:10)

(Coal—Carbonization)

MALASHENKO, L. P.; SHAPATINA, Ye. A.; KEDEMSKAYA, N. D.; ORLOVA, M. A.

Semicoking of peat under conditions of high-speed heating.
Trudy IGI 17:21-33 '62. (MIRA 15:10)

(Peat) (Carbonization)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700020-6

SHAPATINA, Ye. A.; MALASHENKO, L. P.; ORLOVA, M. A.; EDEMSKAYA, N. D.;
AVGUSHEVICH, I. V.

Thermal decomposition of peat under conditions of high-speed
heating. Trudy IGI 17:3-20 '62. (MIRA 15:10)

(Peat gasification)

KORIVKINA, L.A.; MALASHENKO, L.P.

Volatile products of the caking stage in the process of continuous carbonization. Trudy IGI 12:124-129 '61. (MIRA 14:3)
(Coal--Carbonization) (Coal tar products)